



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



CONFIRMATION NO. 9576

Bib Data Sheet

SERIAL NUMBER 10/677,917	FILING DATE 10/02/2003 RULE	CLASS 175	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. V2003012
-----------------------------	-----------------------------------	--------------	------------------------	------------------------------------

## APPLICANTS

Kwong-Onn C. Chan, Edmonton, CANADA;

Behrooz Movaffagh, Edmonton, CANADA;  
Xiaoping He, Edmonton, CANADA;

## \*\* CONTINUING DATA \*\*\*\*

This application is a CIP of 10/321,087 12/17/2002

✓

## \*\* FOREIGN APPLICATIONS \*\*\*\*

M&amp;L

## IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 12/24/2003

Foreign Priority claimed	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged	Examiner's Signature Initials	CANADA	7	20	3

## ADDRESS

BRACEWELL & PATTERSON, L.L.P.  
 Attention: James E. Bradley  
 P. O. Box 61389  
 Houston , TX  
 77208-1389

## TITLE

Drill string shutoff valve

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue )
RECEIVED 770		